1635K

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RAW SEQUENCE LISTING                          DATE: 07/15/2002
PATENT APPLICATION:  US/09/530,935            TIME: 13:56:55

Input Set : A:\39274133US2.txt
Output Set: N:\CRF3\07152002\I530935.raw

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 3 <110> APPLICANT: Hearing, Patrick
 4        Schmid, Susanne
 5        Ostapchuk, Philomena
 6        Erturk, Ece
 8 <120> TITLE OF INVENTION: SELECTIVE REGULATION OF ADENOVIRUS PRODUCTION
10 <130> FILE REFERENCE: 3927-4133US2
12 <140> CURRENT APPLICATION NUMBER: US 09/530,935
13 <141> CURRENT FILING DATE: 2000-09-29
15 <150> PRIOR APPLICATION NUMBER: PCT/US99/08294
16 <151> PRIOR FILING DATE: 1999-03-15
18 <150> PRIOR APPLICATION NUMBER: US 60/081,867
19 <151> PRIOR FILING DATE: 1998-04-15
21 <150> PRIOR APPLICATION NUMBER: US 60/088,321
22 <151> PRIOR FILING DATE: 1998-06-05
24 <160> NUMBER OF SEQ ID NOS: 31
26 <170> SOFTWARE: PatentIn version 3.1
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 14
30 <212> TYPE: DNA
31 <213> ORGANISM: ARTIFICIAL SEQUENCE
33 <220> FEATURE:
34 <223> OTHER INFORMATION: ADENOVIRUS PACKAGING CONSENSUS SEQUENCE
36 <220> FEATURE:
37 <221> NAME/KEY: misc_feature
38 <222> LOCATION: (5)..(12)
39 <223> OTHER INFORMATION: The "n" at positions 5 through 12 may be A or T or G or C.
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43 tttgnnnnnn nncg                                                    14
46 <210> SEQ ID NO: 2
47 <211> LENGTH: 15
48 <212> TYPE: DNA
49 <213> ORGANISM: ARTIFICIAL SEQUENCE
51 <220> FEATURE:
52 <223> OTHER INFORMATION: ADENOVIRUS PACKAGING CONSENSUS SEQUENCE
54 <220> FEATURE:
55 <221> NAME/KEY: misc_feature
56 <222> LOCATION: (6)..(13)
57 <223> OTHER INFORMATION: The "n" at positions 6 through 13 may be A or T or G or C.
60 <400> SEQUENCE: 2
61 atttgnnnnn nnncg                                                   15
64 <210> SEQ ID NO: 3
65 <211> LENGTH: 14
66 <212> TYPE: DNA
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**TECH CENTER 1600/2900**

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 70 <221> NAME/KEY: misc_feature
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 79 <211> LENGTH: 14
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 81 <213> ORGANISM: ADENOVIRUS
 83 <220> FEATURE:
 84 <221> NAME/KEY: misc_feature
 85 <223> OTHER INFORMATION: MINIMAL PACKAGING ELEMENT A-REPEAT AII
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 94 <212> TYPE: DNA
 95 <213> ORGANISM: ADENOVIRUS
 97 <220> FEATURE:
 98 <221> NAME/KEY: misc_feature
 99 <223> OTHER INFORMATION: MINIMAL PACKAGING ELEMENT A-REPEAT AIII
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109 <213> ORGANISM: ADENOVIRUS
111 <220> FEATURE:
112 <221> NAME/KEY: misc_feature
113 <223> OTHER INFORMATION: MINIMAL PACKAGING ELEMENT A-REPEAT AIV
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123 <213> ORGANISM: ADENOVIRUS
125 <220> FEATURE:
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127 <223> OTHER INFORMATION: MINIMAL PACKAGING ELEMENT A-REPEAT AV
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137 <213> ORGANISM: ADENOVIRUS
139 <220> FEATURE:
140 <221> NAME/KEY: misc_feature
141 <223> OTHER INFORMATION: MINIMAL PACKAGING ELEMENT A-REPEAT AVI
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148 <210> SEQ ID NO: 9
149 <211> LENGTH: 14
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155 <223> OTHER INFORMATION: MINIMAL PACKAGING ELEMENT A-REPEAT AVII
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165 <213> ORGANISM: ARTIFICIAL SEQUENCE
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175 <211> LENGTH: 21
176 <212> TYPE: DNA
177 <213> ORGANISM: ARTIFICIAL SEQUENCE
179 <220> FEATURE:
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188 <212> TYPE: DNA
189 <213> ORGANISM: ARTIFICIAL SEQUENCE
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201 <213> ORGANISM: ARTIFICIAL SEQUENCE
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Input Set : **A:\39274133US2.txt**
Output Set: **N:\CRF3\07152002\I530935.raw**

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241 <223> OTHER INFORMATION: MONOMER OF A-REPEATS AV-AVII
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249 <211> LENGTH: 59
250 <212> TYPE: DNA
251 <213> ORGANISM: ADENOVIRUS
253 <220> FEATURE:
254 <221> NAME/KEY: misc_feature
255 <223> OTHER INFORMATION: MONOMER OF A-REPEATS AV-AVII
258 <400> SEQUENCE: 17
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263 <211> LENGTH: 18
264 <212> TYPE: DNA
265 <213> ORGANISM: ARTIFICIAL SEQUENCE
267 <220> FEATURE:
268 <223> OTHER INFORMATION: OLIGONUCLEOTIDE -ITR WITH XHO/SAL LINKERS
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271 tcgacatcat caataatc                                               18
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276 <212> TYPE: DNA
277 <213> ORGANISM: ARTIFICIAL SEQUENCE
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283 tcgagattat tgatgatg                                               18
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299 <211> LENGTH: 21
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301 <213> ORGANISM: ARTIFICIAL SEQUENCE
303 <220> FEATURE:
304 <223> OTHER INFORMATION: OLIGONUCLEOTIDE - A-REPEAT ELEMENT AV PRIMER
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307 tcgaggacaa atattacgcg g                                            21
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311 <211> LENGTH: 11
312 <212> TYPE: DNA
313 <213> ORGANISM: ADENOVIRUS
315 <220> FEATURE:
316 <221> NAME/KEY: misc_feature
317 <223> OTHER INFORMATION: COUP-TF BINDING SITE
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329 <220> FEATURE:
330 <221> NAME/KEY: misc_feature
331 <223> OTHER INFORMATION: AD5 A-REPEATS
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339 <211> LENGTH: 48
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341 <213> ORGANISM: ADENOVIRUS
343 <220> FEATURE:
344 <221> NAME/KEY: misc_feature
345 <223> OTHER INFORMATION: AD4 A-REPEATS
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353 <211> LENGTH: 48
354 <212> TYPE: DNA
355 <213> ORGANISM: ADENOVIRUS
357 <220> FEATURE:
358 <221> NAME/KEY: misc_feature
359 <223> OTHER INFORMATION: AD12 A-REPEATS
362 <400> SEQUENCE: 25
363 gcgcggaata tttaccgagg gcagagtgaa ctctgagcct ctacgtgt               48
366 <210> SEQ ID NO: 26
367 <211> LENGTH: 48
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**RAW SEQUENCE LISTING ERROR SUMMARY**          DATE: 07/15/2002
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Input Set : A:\39274133US2.txt
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos.  5,6,7,8,9,10,11,12
Seq#:2; N Pos.  6,7,8,9,10,11,12,13